

FERDINANDI BAUER

ILLUSTRATIONES

FLORÆ NOVÆ HOLLANDIÆ,

SIVE

ICONES GENERUM

QUÆ

IN PRODROMO FLORÆ NOVÆ HOLLANDIÆ ET INSULÆ VAN DIEMEN

DESCRIPSIT

ROBERTUS BROWN.

LONDINI:

VENEUNT APUD AUCTOREM,

(10, RUSSEL-STREET, BLOOMSBURY.)

M DCCC XIII.

VIRO ILLUSTRİ

J O S E P H O B A N K S,

REGI A CONSILIIS INTIMIS,

BARONETO, ORDINIS BALNEI EQUITI,

SOCIETATIS REGALIS LONDINENSIS PRÆSIDI,

HOCCE OPUS

INVENTIS SUIS DITATUM,

IN SUMMÆ OBSERVANTIÆ ET GRATI ANIMI

TESTIMONIUM,

OFFERT

FERDINANDUS BAUER.

RATIO OPERIS.

PROPOSITUM est in hisce Tabulis singuli cujusque Generis in Flora Novæ Hollandiæ D. Brown descripti exhibere Iconem, plerumque solummodo unicam ; alteram vero tertiamve adjicere, ubi genera, vel e speciebus plurimis formata, vel, in citato opere, in sectiones naturales divisa, illustrationem structuræ habitusve diversitatum requirere videantur.

Icones autem pleræque ab auctore ad exemplaria viva delineatæ fuere, annis 1802–5, præcipue dum expeditionem, ad investigationem littorum Novæ Hollandiæ susceptam, jussu REGIS GEORGII TERTII et duce Cel. Flinders classis regiæ navarcho, comitatus est. Quæ verò plantæ in memorato itinere haud observatæ fuere, earum Icones liberalitati debet Illust. BANKS, qui easdem, inter plurimas alias, in primo itinere Cook immortalis detexit et depingi curavit.

Nonnullæ adumbratæ sunt ad sicca exemplaria Musei Banksiani vel Herbarii Novæ Hollandiæ D. Brown.

TABULARUM EXPLICATIO.

- a. Flos ante expansionem.
- a 1. Flos expansus.
- b. Operculum floris : e calyce et corolla confluentibus sæpius formatum.
- c. Perianthium: Integumentum florale monocotyledonum et utplurimum simplex dicotyledonum (Corolla *Linnei*.
Calyx *Jussieu*.)
- c 1. Perianthii foliola v. laciniae seriei exterioris; sæpe calycinae indolis. (Calyx *Lin.*)
- c 2. Perianthii foliola v. laciniae seriei interioris (exceptis c 3 et 4); sæpe texturæ petaloideæ. (Corolla *Lin.*)
- c 3. Labellum ejusve appendices. In Orchideis.
- c 4. Squamulae hypogynae graminum. (Nectarium *Lin.*)
- c 5. Appendices Perianthii.
- d. Calyx.
- e. Corolla monopetala.
- e 1. Petala.
- e 2. Appendices corollæ. (Nectarium *Lin.* Parapetala *Ehrhart*.)
- f. Discus hypogynus v. epigynus.
- f 1. Glandulae v. Squamulae hypogynae v. epigynae.
- g. Columna genitalium. Orchidearum, Stylidearum.
- g 1. Genitalia distincta : integumentis remotis.
- h. Stamina.
- h 1. Anthera.
- h 2. Pollen.
- h 3. Pollinis massæ : in Orchideis et Asclepiadeis.
- h 4. Stamina sterilia.
- h 5. Corona tubi staminei : in Asclepiadeis. (Nectarium *Lin.*)
- i. Pistillum.
- i 1. Ovarium.
- i 2. Stigma.
- i 3. Stigmatis Indusium : in Goodenoviis, Brunonia.
- i 4. Ovulum.
- l. Fructus compositus : floribus pluribus communis.
- l 1. Pericarpia plura distincta : floris unici.
- m. Induviae. Reliquae floris fructum v. augentes v. coronantes v. eidem adnatæ.
- m 1. Pappus.
- m 2. Calyptra muscorum.
- n. Pericarpium. Complectens ejusdem species omnes a simplicissima *Caryopsidi* graminum.
- n 1. Pericarpium apertum.
- n 2. Dissepimentum.

- n 3. Valvulae.
 n 4. Operculum.
 n 5. Peristomium muscorum.
 n 6. Placenta. (Receptaculum seminum *Gartner.*)
 n 7. Funiculus umbilicalis.
 n 8. Strophiola v. Caruncula umbilicalis.
 n 9. Arillus.
 o. Semen.
 o 1. Ala seminis.
 o 2. Coma seminis : in Asclepiadeis, Epilobio.
 o 3. Integumenta seminis.
 o 4. Albumen. (Perispermum *Jussieu.* Endospermum *Richard.*)
 o 5. Vitellus : in Scitamineis. Nymphæa.
 p. Embryo.
 p 1. Cotyledon.
 p 2. Plumula.
 p 3. Radicula.
 q. Folium.
 q 1. Petiolus.
 q 2. Stipula.
 r. Caulis v. Scapi portio.
 s. Inflorescentia : complectens species omnes ; exceptis duabus sequentibus (s 1 et 2).
 s 1. Flos compositus.
 s 2. Locusta graminis. (v. uniflora v. multiflora.)
 t. Involucrum umbellæ, capituli.
 t 1. Involucrum floris compositi. (Calyx communis *Linn.*)
 t 2. Gluma graminum. (Calyx *Linn.*)
 t 3. Calyx exterior : Malvacearum, Dipsacearum, Brunoniæ.
 t 4. Involucrum, (sori v. capsulæ unicæ) **Filicum**, (Indusium *Swartz.*)
 t 5. Bracteæ.
 t 6. Squamæ Amenti.
 t 7. Paleæ.
 t 8. Paraphyses muscorum.
 t 9. Calyptra : dum e bracteis connatis formata.
 u. Receptaculum floris unici.
 u 1. Receptaculum commune v. floris compositi, v. amenti, v. capituli.

SIGNA SEQUENTIA LITERIS SUBPOSITA SIC INTELLIGENDA.

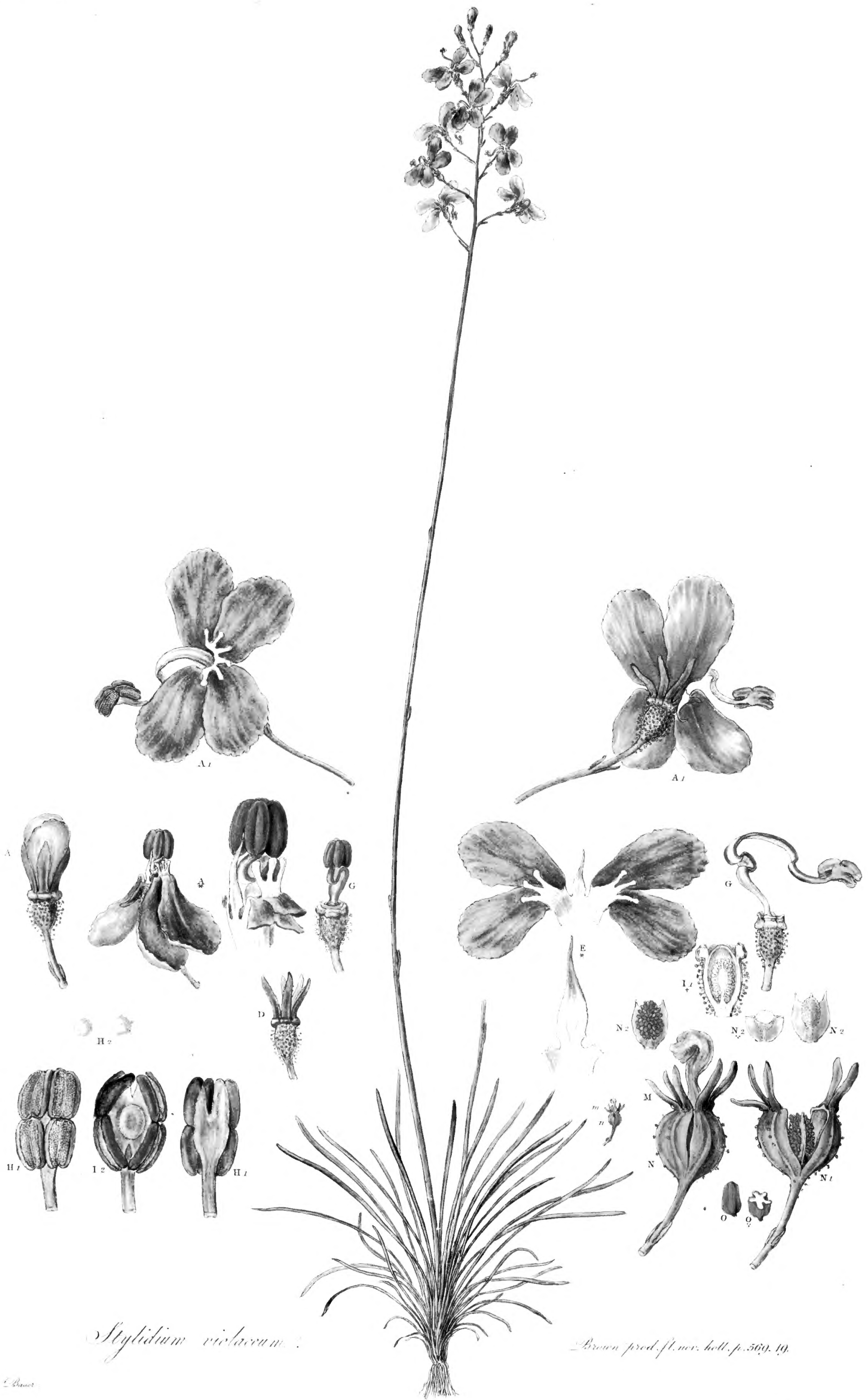
* Partem vi expansam v. apertam esse denotat.

† sectam verticaliter.

∴ transversim.

— magnitudine diminutam.

Dum partes magnitudine auctæ sunt *literæ majusculæ* pro minoribus substituuntur.



Stylidium violaceum ?

Brown prod. fl. nov. holl. p. 569. 19.



Ancilema crispata.

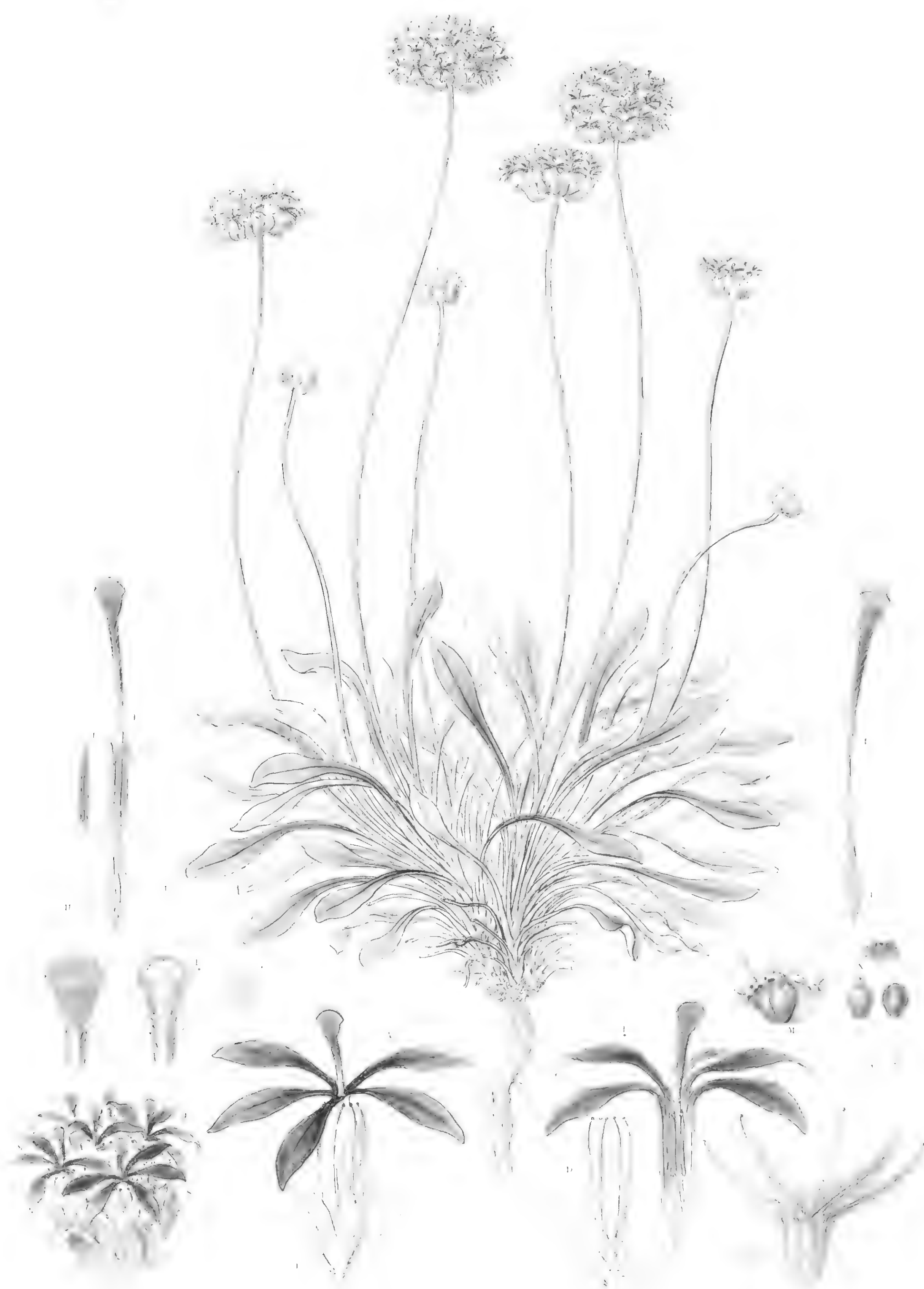
Brown prod. fl. nov. holl. p. 270. n. 6.

W. L. Brown

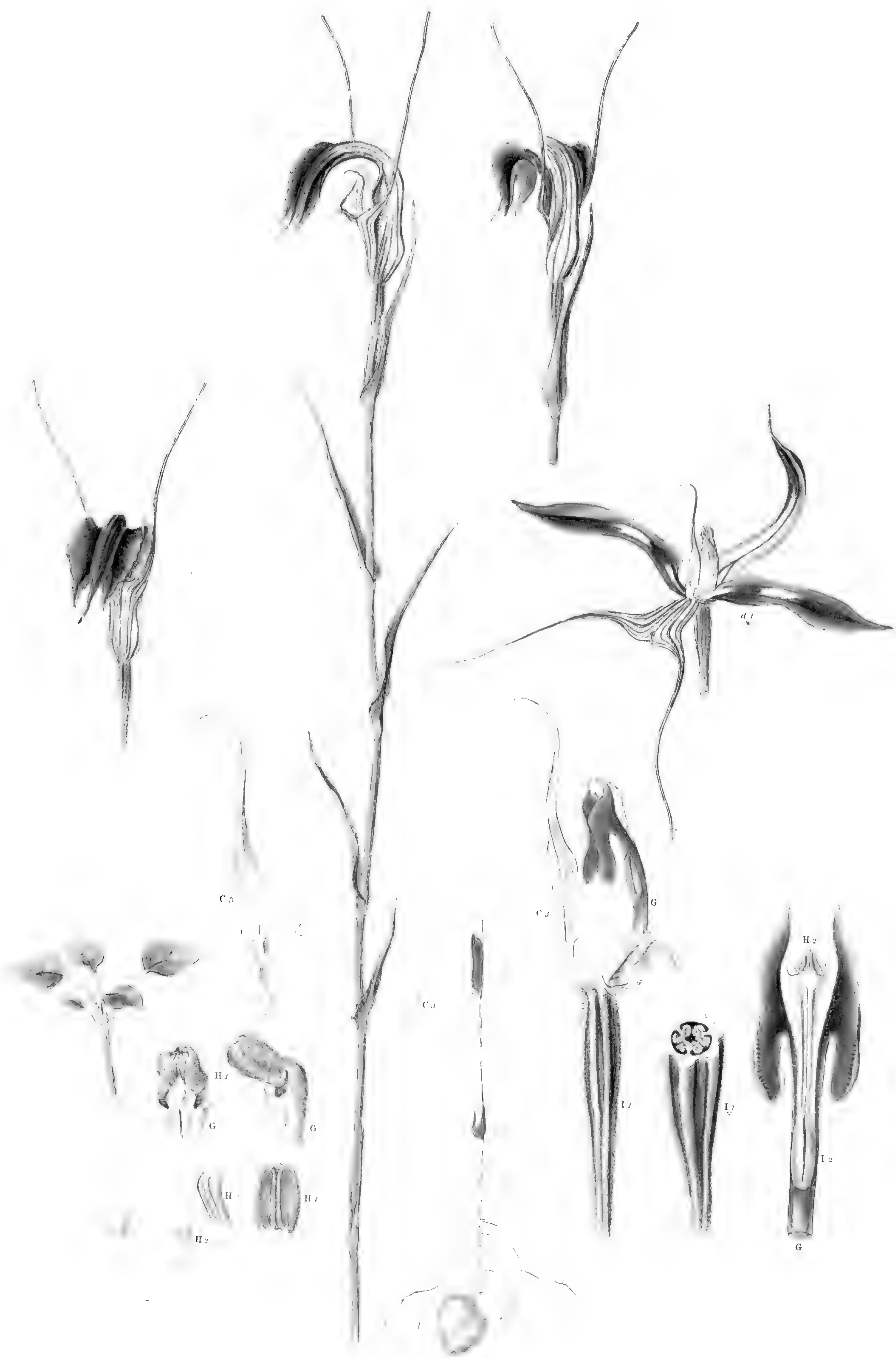




Phoradendron virens.
 Rosen prod. fl. nov. holl. p. 394 t. 17

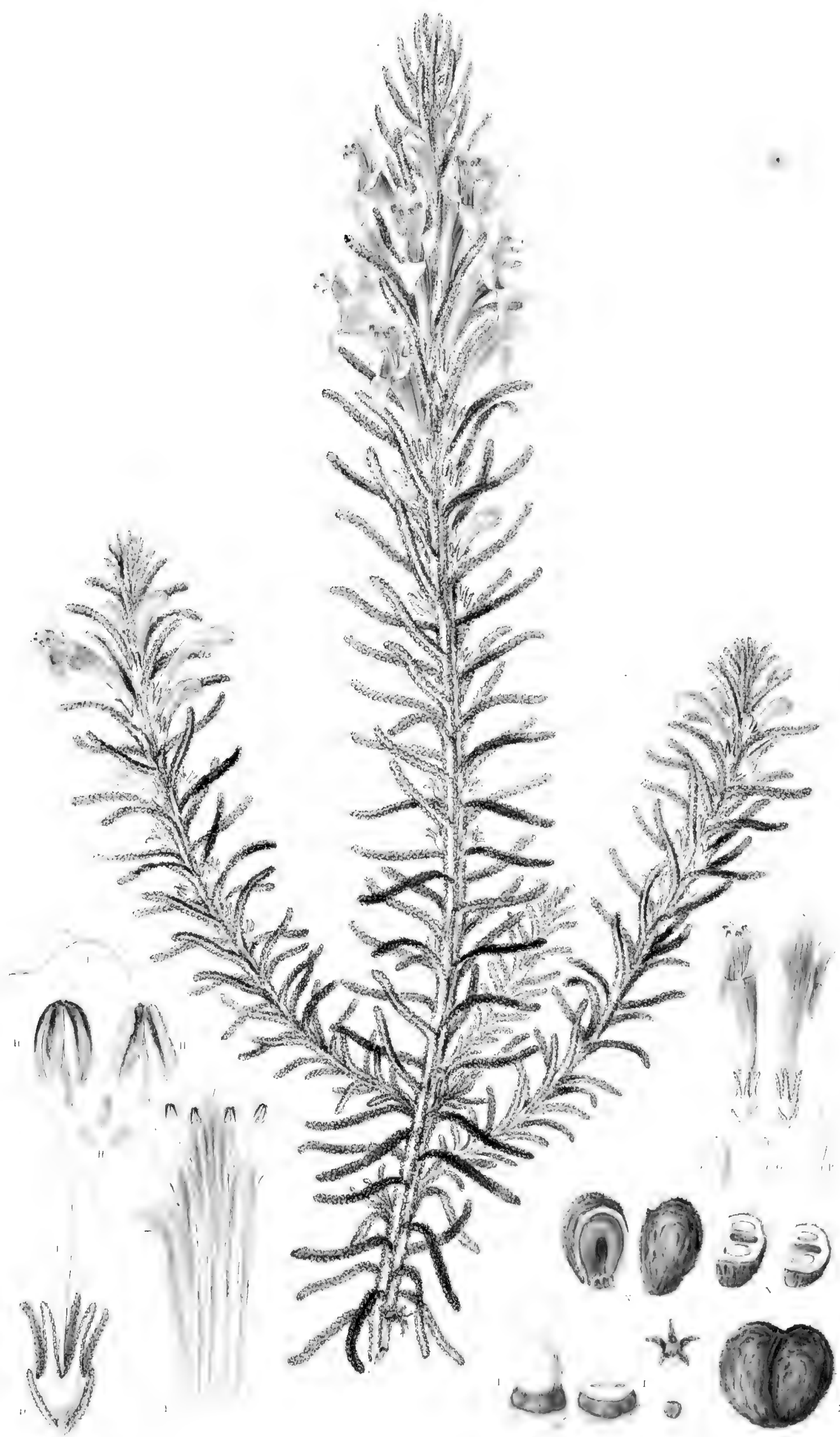


Asperula cynanchica
Asperula cynanchica L.



Sterostylis grandiflora !

Brown prod. fl. nov. holl. p. 327. 12.

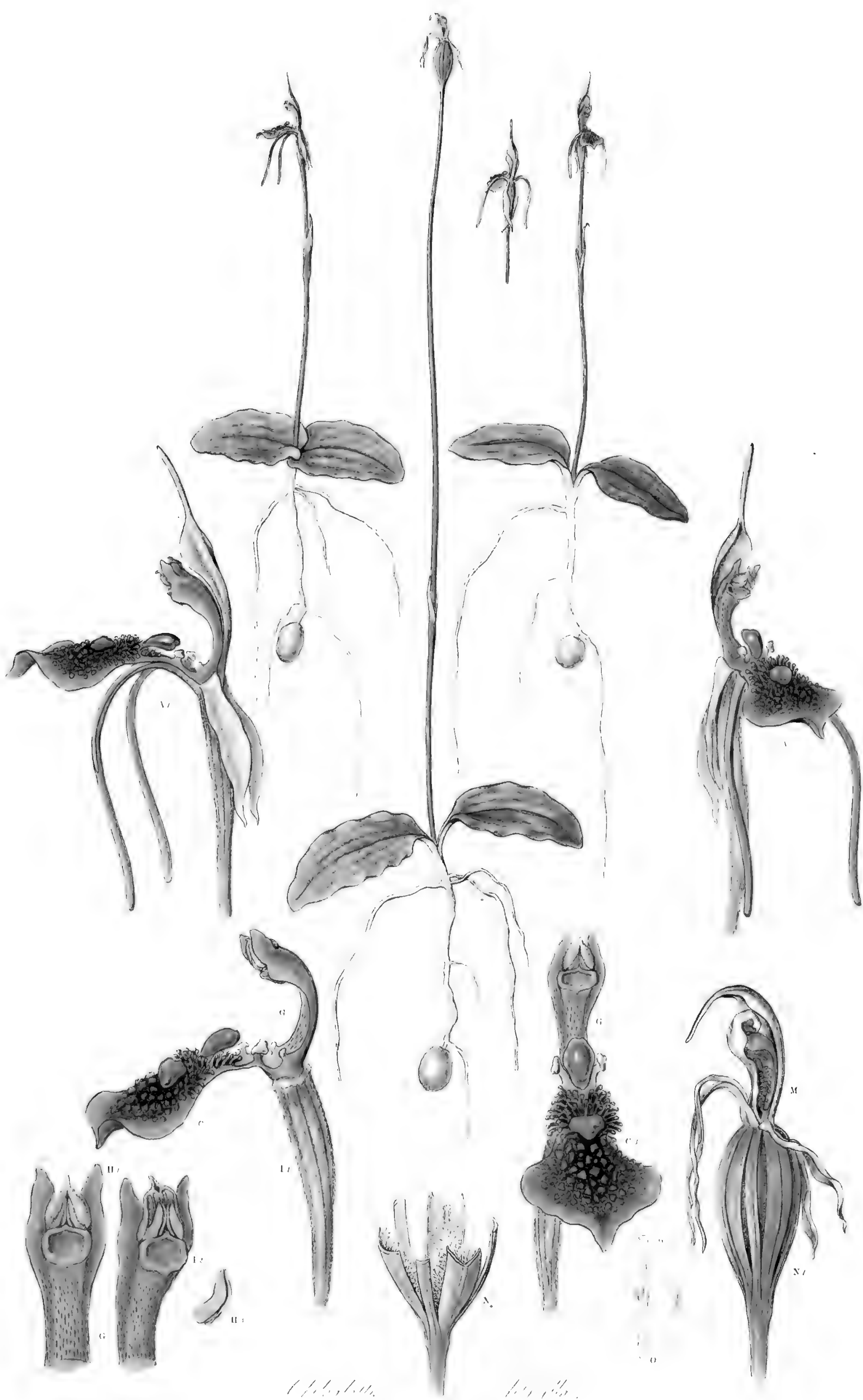


HERBARIUM
MUSEUM
LONDON



Carduus arvensis

Boiss. prod. fl. her. bell. p. 271



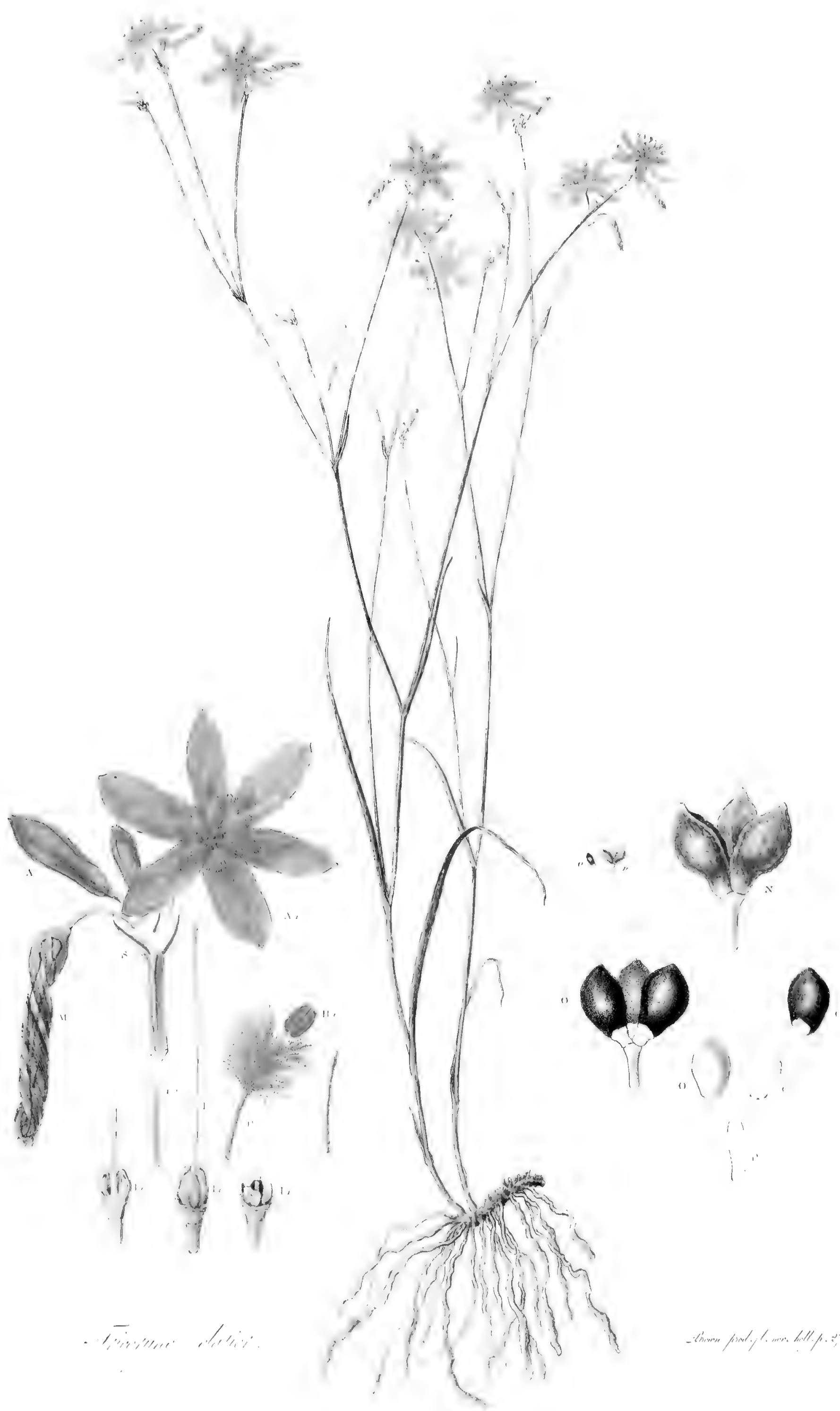
Chlorophytum *longifolium*

Chlorophytum longifolium (L.)

ex. d. Bux.



*Stem of
 Pteris
 from the flower bed p. 179 180.*

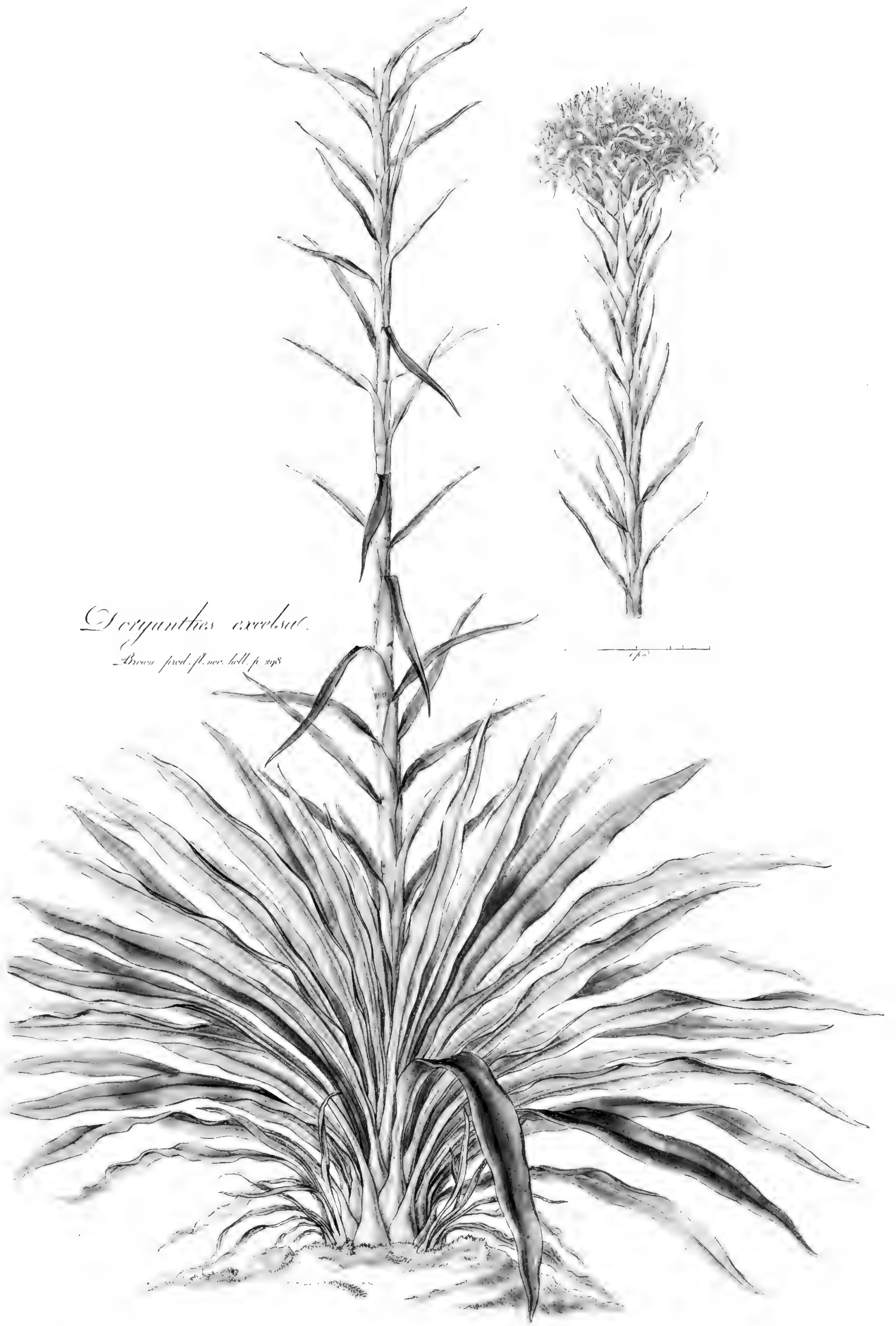


Trientalis latifolia.

Brown prod. fl. nov. holl. p. 278.

by L. Brown



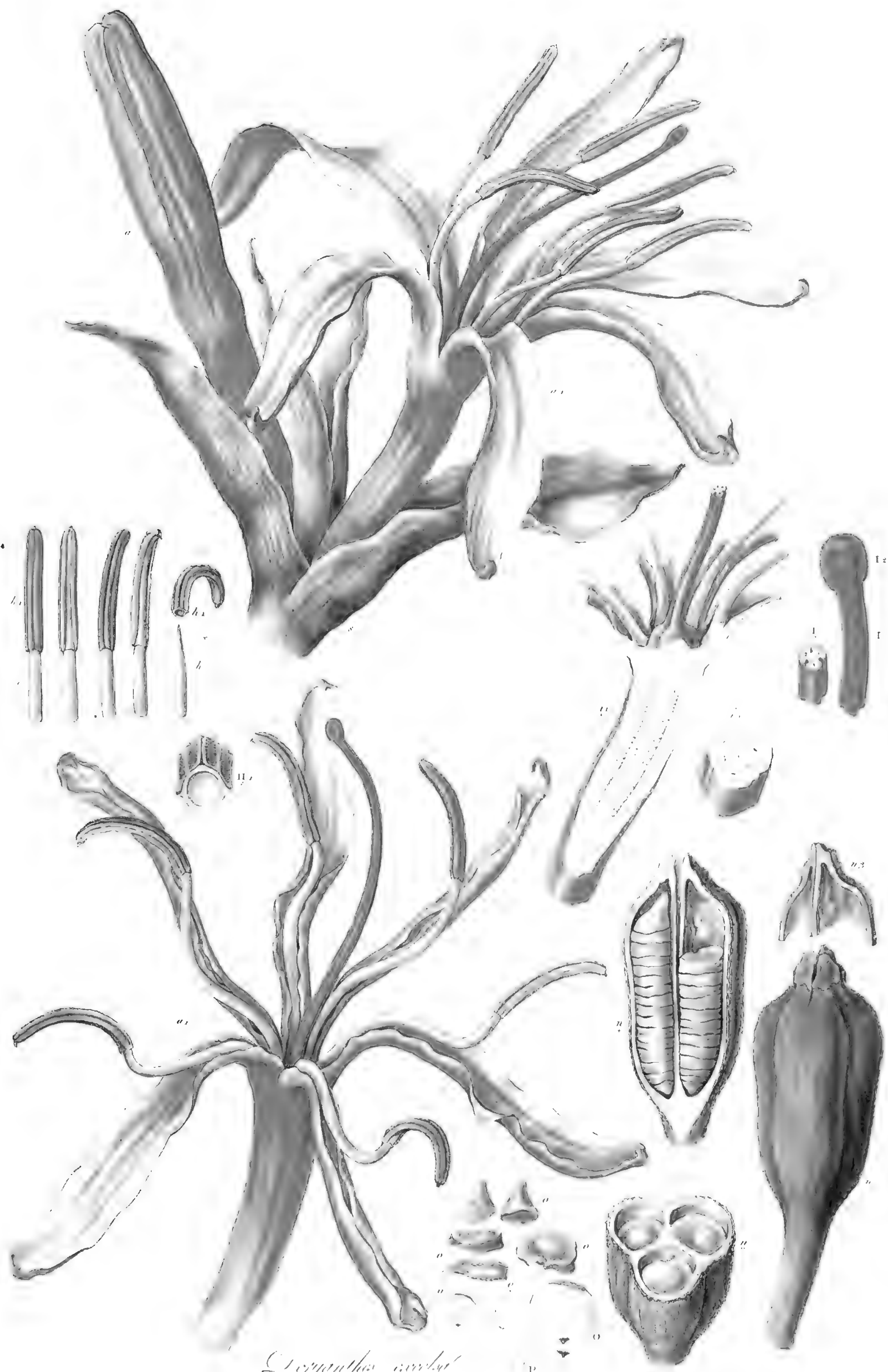


Doryanthes excelsa.
Brown prod. fl. nov. holl. p. 298



Geranium crinale.

Brown prod. fl. nov. holl. p. 298.



Cerpantha aculeata



Stylidium calcaratum.
Brown prod. fl. nov. holl. p. 370.

Stylidium pygmaeum.
Brown prod. fl. nov. holl. p. 371.



Levenhookia pusilla.
Brown prod. fl. nov. holl. p. 372.

